

ABSTRACT OF THE DISCLOSURE

The present invention includes a snap-in grommet provided for use in a valve stem assembly. The grommet includes a body consisting of a nose section at the body first end, the nose section having a substantially conical shape to provide
5 for insertion of the body into an inflation hole of a wheel rim. The body further contains an annular section at a base of the nose section, the annular section projecting radially from the base of the nose section and a cylindrical section sized to match the inflation hole and having a first end adjoined to the annular section. A flange section projects radially from a cylindrical section second end, and an axial
10 bore passes centrally through the body. A sleeve is located within the grommet body bore, the sleeve having an outer surface configured to match the body bore and having a bore configured to receive a valve stem.